

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1-13 (cancelled).

14. (New) A hand-held locating device for detecting an object enclosed in a medium, comprising:

- a housing having an opening penetrating therethrough;
- at least one sensor system positioned in the housing; and
- at least one light source provided in the measuring device configured to illuminate the opening.

15. (New) The locating device as recited in claim 14, wherein the sensor system has at least one inductive sensor for locating purposes.

16. (New) The locating device as recited in claim 15, the inductive sensor includes a coil, the opening being oriented concentrically in relation to the coil of the inductive sensor.

17. (New) The locating device as recited in claim 14, wherein the sensor system includes at least one capacitive sensor.

18. (New) The locating device as recited in claim 14, wherein the opening is formed by a sleeve, the light source configured to illuminate the sleeve.

19. (New) The locating device as recited in claim 18, wherein the sleeve is made of an at least partially transparent plastic.

20. (New) The locating device as recited in claim 18, wherein the sleeve is configured to scatter light diffusively.

21. (New) The locating device as recited in claim 14, the opening is illuminated with a color-coded light signal.

22. (New) The locating device as recited in claim 21, wherein the opening is illuminable in at least two different colors.

23. (New) The locating device as recited in claim 14, wherein the opening is variably illuminated as a function of a measuring signal of at least one sensor.

24. (New) The locating device as recited in claim 14, wherein the light source includes a plurality of light sources.

25. (New) The locating device as recited in claim 14, wherein the at least one light source is a light-emitting diode (LED).

26. (New) The locating device as recited in claim 14, further comprising:

a sealing device which allows the opening to be sealed as a function of a measuring signal of at least one sensor.